

2nd Design Review – Talking Points

- FFT:
 - Make plot of position w/velocity
 - Ok to use only the first few terms
 - Other suggestions: Hanning window, Hermidic Spline
 - Add up the periods of data selection for polynomial fit. Take middle selection.
 - Plot power spectral density instead of amplitude
 - Check units

- Validation:
 - Test with 25 ft of tubing, account for head and inertia
 - Test whether we can achieve the desired waveform at higher frequencies

- Wiring:
 - Look into printed circuit

- System:
 - Look for submergible box through McMaster